L Number	Hits	Search Text	DB	Time stamp
-	2	"09168119"	USPAT;	2004/06/07 09:15
			US-PGPUB;	
			EPO; JPO;	
			DERWENT	
-	2	"08306908"	USPAT;	2004/06/07 09:17
			US-PGPUB;	
			EPO; JPO;	
			DERWENT	
-	2	"08186765"	USPAT;	2004/06/07 09:19
			US-PGPUB;	
			EPO; JPO;	
			DERWENT	
-	0	9168119.URPN.	USPAT	2004/06/07 09:18
-	0	8306908.URPN.	USPAT	2004/06/07 09:18
-	0	8186765.URPN.	USPAT	2004/06/07 09:18
-	90	FUNAKOSHI-HIROMASA.in.	USPAT;	2004/06/07 09:22
			US-PGPUB;	, ,
			EPO; JPO;	
			DERWENT	
-	80	AKIYAMA-IKUO.in.	USPAT;	2004/06/07 09:24
			US-PGPUB;	, ,
1			EPO; JPO;	
			DERWENT	
-	38	KIMURA-TETSUJI.in.	USPAT;	2004/06/07 09:27
			US-PGPUB;	, ,
			EPO; JPO;	
			DERWENT	
-	1091	charge adj1 detecting	USPAT;	2004/06/07 09:56
	· ·		US-PGPUB;	
1			EPO; JPO;	
			DERWENT	
-	2989902	output	USPAT;	2004/06/07 09:28
			US-PGPUB;	
			EPO; JPO;	
,			DERWENT	
-	51133	(floating adj1 diffusion) oe (fda)	USPAT;	2004/06/07 10:55
			US-PGPUB;	
			EPO; JPO;	
			DERWENT	
-	82	(charge adj1 detecting) and output and ((floating adj1	USPAT;	2004/06/07 09:43
		diffusion) oe (fda))	US-PGPUB;	
		, i	EPO; JPO;	
			DERWENT	
-	205	377/57.ccls.	USPAT;	2004/06/07 09:43
			US-PGPUB;	
			EPO; JPO;	
		277/50	DERWENT	2004/05/07 22 42
-	243	377/58.ccls.	USPAT;	2004/06/07 09:43
			US-PGPUB;	
			EPO; JPO;	
		237/F0 colo	DERWENT	2004/00/07 00:44
-	37	377/59.ccls.	USPAT;	2004/06/07 09:44
	1		US-PGPUB;	
			EPO; JPO;	
	240	277/60 cclc	DERWENT USPAT;	2004/06/07 10:22
-	348	377/60.ccls.	USPAT; US-PGPUB;	2004/06/07 10:22
			EPO; JPO;	
			DERWENT	
1	I	l .	DEIX44FI41	1

		·		
-	98	377/61.ccls.	USPAT;	2004/06/07 09:44
			US-PGPUB;	
			EPO; JPO;	
	164	277/021-	DERWENT	2004/06/07 22
-	164	377/62.ccls.	USPAT;	2004/06/07 09:44
			US-PGPUB;	
	1		EPO; JPO;	
			DERWENT	
-	251	377/63.ccls.	USPAT;	2004/06/07 09:47
			US-PGPUB;	
			EPO; JPO;	
			DERWENT	
-	489	348/241.ccls.	USPAT;	2004/06/07 09:47
			US-PGPUB;	
			EPO; JPO;	
			DERWENT	
-	213	348/243.ccls.	USPAT;	2004/06/07 10:51
			US-PGPUB;	
1	1		EPO; JPO;	
			DERWENT	
-	992	377/57-63.ccls.	USPAT;	2004/06/07 09:47
1	1		US-PGPUB;	
			EPO; JPO;	
		277/57 62 1 1/040/044 1 240/049 1 3	DERWENT	0004/04/0- 00 4-
-	21	377/57-63.ccls. and (348/241.ccls. or 348/243.ccls.)	USPAT;	2004/06/07 09:47
			US-PGPUB;	
			EPO; JPO;	
			DERWENT	
-	4772	charge adj1 detect\$3	USPAT;	2004/06/07 10:54
			US-PGPUB;	
			EPO; JPO;	
			DERWENT	0004/05/07 00 77
-	25	(charge adj1 detect\$3) and (348/241.ccls. or 348/243.ccls.)	USPAT;	2004/06/07 09:57
			US-PGPUB;	
			EPO; JPO;	
	463	257/220	DERWENT	2004/06/07 40-22
-	463	257/229.ccls.	USPAT;	2004/06/07 10:23
			US-PGPUB;	
			EPO; JPO;	
1_	335	257/231 cclc	DERWENT	2004/06/07 10:22
1	333	257/231.ccls.	USPAT;	2004/06/07 10:23
			US-PGPUB; EPO; JPO;	
1	1		DERWENT	
1_	175	257/234.ccls.	USPAT;	2004/06/07 10:23
	1/3	201/201.000.	US-PGPUB;	2007/00/07 10:23
1	1		EPO; JPO;	
1	1		DERWENT	
1_	522	257/239.ccls.	USPAT;	2004/06/07 10:38
	1	20112010001	US-PGPUB;	2001/00/07 10.30
1			EPO; JPO;	
			DERWENT	
1-	5	(348/241.ccls. or 348/243.ccls.) and 257/239.ccls.	USPAT;	2004/06/07 10:38
	1	(3.13/2.121000) 01.3.10/2.1010001, drid 23//23/10001	US-PGPUB;	255 1/55/07 10.56
			EPO; JPO;	
			DERWENT	
_	118	348/250.ccls.	USPAT;	2004/06/07 10:51
	***		US-PGPUB;	230 1, 00, 07 10.31
			EPO; JPO;	
			DERWENT	
	L			<del> </del>

-	572	348/222.1.ccls.	USPAT;	2004/06/07 10:52
			US-PGPUB;	
			EPO; JPO;	
			DERWENT	
-	294	348/311.ccls.	USPAT;	2004/06/07 10:53
			US-PGPUB;	
			EPO; JPO;	
	]		DERWENT	
-	495	358/443.ccls.	USPAT;	2004/06/07 10:53
			US-PGPUB;	
			EPO; JPO;	
			DERWENT	
_	32053	(driver) same (load)	USPAT;	2004/06/07 10:54
		(am any came)	US-PGPUB;	200 1,00,07 2010 1
!	•		EPO; JPO;	
			DERWENT	
_	76	(charge adj1 detect\$3) and ((driver) same (load))	USPAT;	2004/06/07 10:54
_	/	(Charge adj) detects) and ((driver) same (load))		2004/00/07 10:54
			US-PGPUB;	
			EPO; JPO;	
	7000	(flanking added dies at an Asia (sub)	DERWENT	2004/06/27 10 55
-	78685	(floating adj1 diffusion) or (fd\$)	USPAT;	2004/06/07 10:56
			US-PGPUB;	
			EPO; JPO;	
			DERWENT	
-	102	(charge adj1 detecting) and output and ((floating adj1	USPAT;	2004/06/07 10:57
		diffusion) or (fd\$))	US-PGPUB;	
			EPO; JPO;	
			DERWENT	
_	20	((charge adj1 detecting) and output and ((floating adj1	USPAT;	2004/06/07 10:58
		diffusion) or (fd\$))) not ((charge adj1 detecting) and output	US-PGPUB;	
		and ((floating adj1 diffusion) oe (fda)))	EPO; JPO;	
		and ((nodding da)2 amadion) of (rad)//	DERWENT	
1_	245124	(CCD or imager or (imag\$3 adj1 (sensor or pickup or array	USPAT;	2004/06/07 10:59
	213121	or device)))	US-PGPUB;	2001/00/07 10.55
		of device)))	EPO; JPO;	
			DERWENT	
	1225	(charge adit detected) and ((CCD or imager or (image)		2004/06/07 10:50
-	1335	(charge adj1 detect\$3) and ((CCD or imager or (imag\$3	USPAT;	2004/06/07 10:59
		adj1 (sensor or pickup or array or device))))	US-PGPUB;	
			EPO; JPO;	
		l	DERWENT	
-	261	((charge adj1 detect\$3) and ((CCD or imager or (imag\$3	USPAT;	2004/06/07 11:00
		adj1 (sensor or pickup or array or device))))) and ((floating	US-PGPUB;	
1		adj1 diffusion) or (fd\$))	EPO; JPO;	
			DERWENT	
-	11	(US-5033068-\$ or US-5274687-\$ or US-5536956-\$ or	USPAT;	2004/06/07 11:24
		US-6243434-\$ or US-6600513-\$ or US-5912483-\$ or	DERWENT	
		US-5818075-\$ or US-6465819-\$ or US-6437378-\$ or		
		US-6211915-\$).did. or (JP-05136396-\$).did.		
-	0	6600513.URPN.	USPAT	2004/06/07 11:24
-	8	("5214683"   "5276723"   "5436949"   "5767902"	USPAT	2004/06/07 11:24
		"5907357"   "5966172"   "6031571"   "6150682"		
		"2001/0050714"   "2002/0024069").PN.		
-	0	6465819.URPN.	USPAT	2004/06/07 11:25
-	ŏ	6437378.URPN.	USPAT	2004/06/07 11:26
-	14	("3806772"   "3943543"   "4097885"   "4148132"	USPAT	2004/06/07 11:26
		"4831425"   "5097305"   "5202907"   "5270559"	331.7.1	2001/00/07 11.20
		"5369293"   "5483090"   "5498887"   "5563429"	1	
		"5942774"   "5990471").PN.	LICDAT	2004/06/07 11:26
-	0 7	6243434.URPN.	USPAT	2004/06/07 11:26
-	7	("4074302"   "4090095"   "4668971"   "4984045"	USPAT	2004/06/07 11:26
		"5357128"   "5436476"   "5546438").PN.	LICEAT	2004/05/07 11 27
•	1	6211915.URPN.	USPAT	2004/06/07 11:27
	4	("4875098"   "5239192"   "5335075"   "5572256").PN.	USPAT	2004/06/07 11:27

Search History 6/7/04 4:36:56 PM Page 3

-	4	5912483.URPN.	USPAT	2004/06/07 11:28
-	8	("4527255"   "4830974"   "4984045"   "5262987"	USPAT	2004/06/07 11:29
		"5422844"   "5438211"   "5488245"   "5677876").PN.		, ,
-	1	5818075.URPN.	USPAT	2004/06/07 11:30
-	2	("4939560"   "5227650").PN.	USPAT	2004/06/07 11:30
-	1	5536956.URPN.	USPAT	2004/06/07 11:30
-	4	("4171521"   "4939860"   "5227650"   "5229630").PN.	USPAT	2004/06/07 11:30
-	2	5274687.URPN.	USPAT	2004/06/07 11:31
-	3	("5140623"   "5172399"   "5210777").PN.	USPAT	2004/06/07 11:31
-	6	5033068.URPN.	USPAT	2004/06/07 11:32
-	11	("4074206"   "4099175"   "4140927"   "4250406"	USPAT	2004/06/07 11:32
		"4459497"   "4528684"   "4625322"   "4627083"		
		"4725746"   "4809307"   "4811371").PN.		1

L Number	Hits	Search Text	DB	Time stamp
-	2	5192920.pn.	USPAT;	2004/06/02 13:24
		·	US-PGPUB;	
			EPO; JPO;	
			DERWENT	
-	2	5872484.pn.	USPAT;	2004/06/02 13:25
			US-PGPUB;	, ,
			EPO; JPO;	
			DERWENT	
-	2	5777517.pn.	USPAT;	2004/06/02 13:25
		·	US-PGPUB;	
			EPO; JPO;	
			DERWENT	
-	2	5654673.pn.	USPAT;	2004/06/02 13:26
			US-PGPUB;	
			EPO; JPO;	
			DERWENT	
-	2	5376898.pn.	USPAT;	2004/06/02 13:26
		·	US-PGPUB;	, ,
			EPO; JPO;	
			DERWENT	
-	2	5825249.pn.	USPAT;	2004/06/02 13:27
		·	US-PGPUB;	
			EPO; JPO;	
			DERWENT	:
-	2	5905256.pn.	USPAT;	2004/06/02 13:27
		·	US-PGPUB;	
			EPO; JPO;	
İ			DERWENT	
-	2	6023195.pn.	USPAT;	2004/06/02 13:27
			US-PGPUB;	
			EPO; JPO;	
			DERWENT	
-	2	6147556.pn.	USPAT;	2004/06/02 13:28
			US-PGPUB;	
			EPO; JPO;	
			DERWENT	
-	2	6225616.pn.	USPAT;	2004/06/02 13:28
			US-PGPUB;	
			EPO; JPO;	
			DERWENT	
-	439	348/294.ccls.	USPAT;	2004/06/02 13:39
			US-PGPUB;	
			EPO; JPO;	
			DERWENT	
-	293	348/311.ccls.	USPAT;	2004/06/02 13:40
			US-PGPUB;	
			EPO; JPO;	
	400	240/244	DERWENT	2004/06/22 /2 /
-	489	348/241.ccls.	USPAT;	2004/06/02 13:41
			US-PGPUB;	
			EPO; JPO;	
	1.5	240/250 - 1	DERWENT	2004/20/20 10 11
_	118	348/250.ccls.	USPAT;	2004/06/02 13:41
			US-PGPUB;	
1			EPO; JPO;	
	3306	250/200 4	DERWENT	2004/06/02 12 11
-	2206	250/208.1.ccls.	USPAT;	2004/06/02 13:41
1			US-PGPUB;	
			EPO; JPO;	
	<u> </u>		DERWENT	

-	1428	330/277.ccls.	USPAT;	2004/06/02 13:42
			US-PGPUB;	
i			EPO; JPO;	;
•			DERWENT	
-	463	257/229.ccls.	USPAT;	2004/06/02 14:05
		,	US-PGPUB;	,
			EPO; JPO;	
			DERWENT	
	335	257/231.ccls.	USPAT;	2004/06/02 12:42
-	333	237/231.CCIS.		2004/06/02 13:42
			US-PGPUB;	
			EPO; JPO;	
	ŀ		DERWENT	
-	175	257/234.ccls.	USPAT;	2004/06/02 13:43
			US-PGPUB;	
			EPO; JPO;	
1			DERWENT	
-	495	358/443.ccls.	USPAT;	2004/06/02 13:43
		<b>,</b>	US-PGPUB;	
1			EPO; JPO;	
			DERWENT	
	144	(first near4 enhancement) with (second near4	USPAT;	2004/06/02 13:52
-	144	(first near4 enhancement) with (second near4	, ,	200 <del>7</del> /00/02 13:32
l		enhancement) with series	US-PGPUB;	
			EPO; JPO;	
			DERWENT	
-	41034	(floating adj1 diffusion) or (fd) or (fda)	USPAT;	2004/06/02 13:52
			US-PGPUB;	
			EPO; JPO;	
			DERWENT	
_	3	((first near4 enhancement) with (second near4	USPAT;	2004/06/02 13:53
	1	enhancement) with series) and ((floating adj1 diffusion) or	US-PGPUB;	
		(fd) or (fda))	EPO; JPO;	
		(1d) or (1dd))	DERWENT	
	127038	(charge\$1 adj1 coupled adj1 device) or (CCD)	USPAT;	2004/06/02 15:02
-	12/036	(Clargest auji coupled auji device) or (CCD)	US-PGPUB;	2004/00/02 13.02
			EPO; JPO;	
		114 6 11 114 1 1144	DERWENT	2004/06/02 44 07
-	1884	source adj1 follower adj1 circuit\$1	USPAT;	2004/06/02 14:07
			US-PGPUB;	
			EPO; JPO;	
1			DERWENT	
-	126	((floating adj1 diffusion) or (fd) or (fda)) and ((charge\$1	USPAT;	2004/06/02 13:57
1		adj1 coupled adj1 device) or (CCD) and (source adj1	US-PGPUB;	}
		follower adj1 circuit\$1)	EPO; JPO;	
			DERWENT	
-	1078	348/311-324.ccls.	USPAT;	2004/06/02 14:02
			US-PGPUB;	====,==,=====
			EPO; JPO;	
			DERWENT	
	30	249/211 224 sele and (source adit follower adit size liket)	1	2004/06/02 14:02
-	39	348/311-324.ccls. and (source adj1 follower adj1 circuit\$1)	USPAT;	2004/06/02 14:02
			US-PGPUB;	
			EPO; JPO;	
			DERWENT	
-	8	257/229.ccls. and (source adj1 follower adj1 circuit\$1)	USPAT;	2004/06/02 14:05
			US-PGPUB;	
			EPO; JPO;	
-			DERWENT	
-	1901	source adj1 follow\$3 adj1 circuit\$1	USPAT;	2004/06/02 15:07
			US-PGPUB;	1
}			EPO; JPO;	
			DERWENT	
L	4	<u> </u>	- DEIGHTEITI	I

- 31 (348/241.ccls. or 348/250.ccls.) and (s	
adj1 circuit\$1)	US-PGPUB;
	EPO; JPO;
755 (41.5) 111 (15-4) 111 55	DERWENT 2004/05/02 14 5
- 755 (driver) with (load) with series	USPAT; 2004/06/02 14:5
	US-PGPUB; EPO; JPO;
	DERWENT
- 11 (source adj1 follower adj1 circuit\$1) an	
(load) with series)	US-PGPUB;
	EPO; JPO;
19922 (driver) with (lead)	DERWENT 2004/06/03 15:0
- 18832 (driver) with (load)	USPAT;   2004/06/02 15:0   US-PGPUB;
	EPO; JPO;
	DERWENT
- 4 ((floating adj1 diffusion) or (fd) or (fda	
adj1 coupled adj1 device) or (CCD) ) a	
follower adj1 circuit\$1) and ((driver) w	
2 "08186765"	DERWENT     USPAT;   2004/06/02 14:5
2 06160703	US-PGPUB;
	EPO; JPO;
	DERWENT
- 2987630 output	USPAT; 2004/06/02 14:5
	US-PGPUB;
	EPO; JPO; DERWENT
- 364 ((charge\$1 adj1 coupled adj1 device) c	
and (source adj1 follow\$3 adj1 circuit\$	
	EPO; JPO;
	DERWENT
- 12 (((charge\$1 adj1 coupled adj1 device)	
output and (source adj1 follow\$3 adj1 ((driver) with (load))	circuit\$1)) and US-PGPUB; EPO; JPO;
((dilver) widi (load))	DERWENT
- 375 ((charge\$1 adj1 coupled adj1 device) c	
(source adj1 follow\$3 adj1 circuit\$1)	US-PGPUB;
	EPO; JPO;
- 13 (((charge\$1 adj1 coupled adj1 device)	DERWENT   DERWENT   USPAT;   2004/06/02 15:0
(((charge\$1 adj1 coupled adj1 device)	
(load))	EPO; JPO;
	DERWENT
- 5249 (first adj2 transistor) with (second adj2	
series	US-PGPUB;
	EPO; JPO; DERWENT
- 51 (source adj1 follow\$3 adj1 circuit\$1) a	
transistor) with (second adj2 transistor	
	EPO; JPO;
20 249/244 224 and and factor of the first	DERWENT   2004/05/03 15:0
- 39 348/311-324.ccls. and (source adj1 fol	ow\$3 adj1 circuit\$1)   USPAT;   2004/06/02 15:0   US-PGPUB;
	EPO; JPO;
	DERWENT

L Number	Hits	Search Text	DB	Time stamp
92	4798	charge adj1 detect\$4	USPAT;	2004/06/07 13:18
			US-PGPUB;	, ,
			EPO; JPO;	
]			DERWENT	
93	78685	(floating adj1 diffusion) or (fd\$)	USPAT;	2004/06/07 13:23
		, , , , , , , , , , , , , , , , , , , ,	US-PGPUB;	
			EPO; JPO;	
1			DERWENT	-
97	6062	(bias\$3 near2 voltage\$1) with (power near2 voltage\$1)	USPAT;	2004/06/07 13:25
		3, , 3, ,	US-PGPUB;	
			EPO; JPO;	
			DERWENT	
98	8642	(bias\$3 near2 voltage\$1) same (power near2 voltage\$1)	USPAT;	2004/06/07 13:25
		(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	US-PGPUB;	
			EPO; JPO;	
			DERWENT	
99	6	((charge adj1 detect\$4) and ((floating adj1 diffusion) or	USPAT;	2004/06/07 13:27
		(fd\$))) and ((bias\$3 near2 voltage\$1) with (power near2	US-PGPUB;	,
		voltage\$1))	EPO; JPO;	
		13	DERWENT	
101	16036	377/57-63.ccls. or 257/239.ccls. or 348/207.99-376.ccls. or	USPAT;	2004/06/07 13:29
		250/208.1.ccls. or 257/229.ccls.	US-PGPUB;	,,
			EPO; JPO;	
			DERWENT	
102	158	(charge adj1 detect\$4) and ((floating adj1 diffusion) or	USPAT;	2004/06/07 13:33
		(fd\$)) and (377/57-63.ccls. or 257/239.ccls. or	US-PGPUB;	" , ,
		348/207.99-376.ccls. or 250/208.1.ccls. or 257/229.ccls.)	EPO; JPO;	
		,	DERWENT	
105	103347	driver and load	USPAT;	2004/06/07 13:34
·			US-PGPUB;	
ŀ			EPO; JPO;	
İ			DERWENT	
106	21	257/239.ccls. and (driver and load)	USPAT;	2004/06/07 13:34
		· · · · · · · · · · · · · · · · · · ·	US-PGPUB;	1
			EPO; JPO;	
			DERWENT	
103	522	257/239.ccls.	USPAT;	2004/06/07 14:20
			US-PGPUB;	
			EPO; JPO;	
			DERWENT	
107	2	"20010050714"	USPAT;	2004/06/07 14:31
			US-PGPUB;	
			EPO; JPO;	
			DERWENT	
109	456	vgg	USPAT;	2004/06/07 14:31
			US-PGPUB;	
ļ			EPO; JPO;	
			DERWENT	
110	1	5536956.pn. and vgg	USPAT;	2004/06/07 14:32
			US-PGPUB;	
			EPO; JPO;	
1			DERWENT	
111	20926	vss	USPAT;	2004/06/07 14:32
1			US-PGPUB;	
			EPO; JPO;	
145	_		DERWENT	2004/22/27 :: 22
112	0	5536956.pn. and vss	USPAT;	2004/06/07 14:32
			US-PGPUB;	
			EPO; JPO;	
			DERWENT	

108	4	5536956.pn.	USPAT;	2004/06/07 16:26
		•	US-PGPUB;	·
			EPO; JPO;	
	1		DERWENT	